

UNMORTARED STANDARD BRICKS (4)
FOUNDATION ON COMPACTED SUBGRADE
(USE 6 BRICKS FOR OVERSIZED BOXES)

WIRE RUN

CONCRETE PULL BOX

12"

18"

PLAN VIEW

FINISHED GRADE

LOCKABLE HINGED CAST IRON OR CONCRETE TOP
IMPRINTED "ELECTRIC"

4" MIN

LOOP 24" MIN OF CONTROL WIRES
INTO PULL BOXES

BEDDING MATERIAL

2"

BOTTOM OF TRENCH

ELEVATION

CONTROL WIRE RUN

NOTES:

1. INSTALL PULL BOXES AS SHOWN ON PLANS AND AT EACH END OF PIPE SLEEVES RUNNING UNDER PAVEMENT.
2. PULL BOX COVER SHALL BE PERMANENTLY MARKED "ELECTRIC".
3. CONDUCTORS FOR EACH CONTROLLER CLOCK SHALL BE HARNESSSED SEPARATELY AND AT SUFFICIENT INTERVALS TO MAINTAIN A DEFINITE BUNDLE.
4. SPLICES SHALL ONLY BE MADE IN PULL BOXES, WITH A PROPERLY SET MECHANICAL SPLICE CONNECTOR, SOLDERED WITH METALLIC ALLOY, ENTIRELY ENCLOSED IN SELF-CURING RESIN AND SHALL BE COMPLETELY WATER-PROOF.
5. SPARE WIRE ENDS SHALL BE INSULATED IN THE SAME MANNER AS WIRE SPLICES.
6. MINIMUM SIZE PULL BOX SHALL BE AS SHOWN ABOVE. LARGER BOXES MAY BE NECESSARY TO MEET 4" CLEARANCE REQUIRED.
7. NO SPLICES SHALL BE PERMITTED ON WIRE RUNS OF LESS THAN 300'.
8. THE LETTER "E" SHALL BE STAMPED OR CHISELED ON THE IMPROVEMENT (CURB-SIDEWALK) DIRECTLY ABOVE THE CONTROL WIRE.
9. BEDDING MATERIAL SHALL BE SE 50 PLASTER OR MORTAR SAND.

LEGEND ON PLANS



REVISION	BY	APPROVED	DATE
ORIGINAL*	RH	J. NAGELVOORT	01/12
UPDATED	JW	J. NAGELVOORT	10/15

CITY OF SAN DIEGO - STANDARD DRAWING

ELECTRICAL PULL BOX FOR DIRECT BURIAL CONTROL WIRES AND SPLICING NOTES

RECOMMENDED BY THE CITY OF SAN DIEGO
STANDARDS COMMITTEE

CA Bungea 10/5/15
COORDINATOR R.C.E. 56523 DATE

DRAWING
NUMBER

SDI-115